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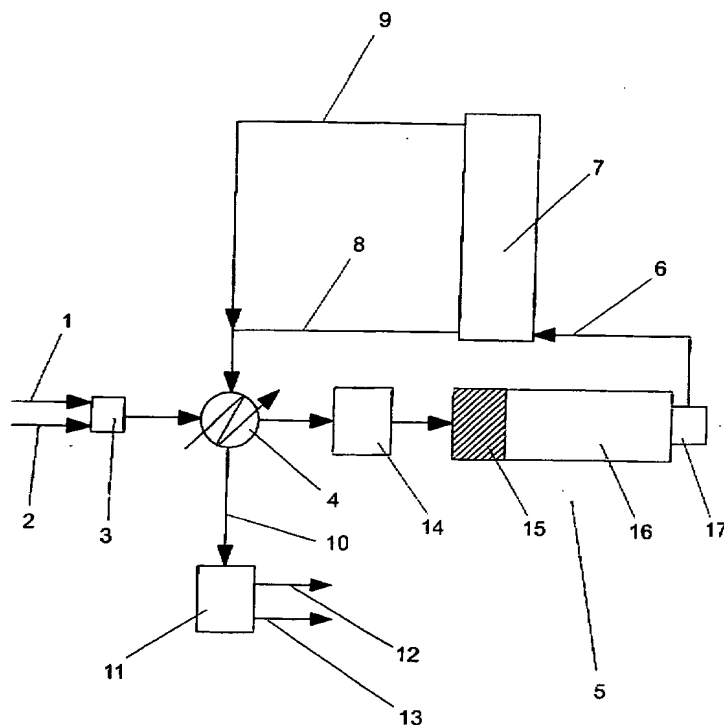
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(54) Title: METHOD AND DEVICE FOR CONTINUOUS PROCESS TRANSESTERIFICATION OF CARBOXYLIC ACID ESTERS IN A SUPERCRITICAL MONOVALENT ALCOHOL



(57) Abstract: A method for continuous process of transesterification of carboxylic acid esters in supercritical monovalent alcohol, wherein, accordingly formula  $R-OH$ ,  $R$  is discretionary aliphatic hydrocarbon radical having 1 - 10 carbon atoms and in which as initial substance are used synthetic carboxylic acid esters or their compositions, for example fats and oils, which are esters of different fatty acids and glycerol. A device for continuous process of transesterification of carboxylic acid esters in supercritical monovalent alcohol, which comprises alcohol inlet (1), carboxylic acid ester inlet (2), reactant dosing unit (3), heat-exchanger (4), transesterification unit (5), tube of hot reaction yield to expansion tank (6), expansion tank (7), tube of hot reaction yield to heat-exchanger (8), reverse current tube of excess of alcohol (9), tube of cooled reaction yield to separator (10), separator (11), outlets of new ester and new alcohol (12 and 13).

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